

UNIVERSAL TREATMENT STANDARDS TABLE FOR UNDERLYING HAZARDOUS CONSTITUENTS

Constituent	Present	NWW	Constituent	Present	NWW
Organic Constituents Cont'd	Check Here	Mg/kg3		Check Here	Mg/kg3
2, 4-Dichlorophenoxyacetic Acid/2, 4-D		10	HxCDDs (All Hexachlorodibenzo-p-dioxins)		0.001
1, 2-Dichloropropane		18	HxCDFs (All Hexachlorodibenzofurans)		0.001
cis-1, 3-Dichloropropylene		18	Indeno (1,2,3-c,d) pyrene		3.4
trans-1, 3-Dichloropropylene		18	Iodomethane		65
Dieldrin		0.13	3-Iodo-2-propynyl n-butylcarbamate		1.4
Diethyl Phthalate		28	Isobutyl Alcohol		170
Diethylene Glycol, Dicarbamate		1.4	Isodrin		0.066
p-Dimethylaminoazobenzene		NA	Isolan		1.4
2-4-Dimethyl Phenol		14	Isosafrole		2.6
Dimethyl Phthalate		28	Kepone		0.13
Dimetilan		1.4	Methacrylonitrile		84
Di-n-butyl Phthalate		28	Methanol		0.75 mg/L TCLP
1, 4-Dinitrobenzene		2.3	Methapyrilene		1.5
4, 6-Dinitro-o-cresol		160	Methiocarb		1.4
2, 4-Dinitrophenol		160	Methomyl		0.14
2, 4-Dinitrotoluene		140	Methoxychlor		0.18
2, 6-Dinitrotoluene		28	Methyl Ethyl Ketone		36
Di-n-octyl Phthalate		28	Methyl Isobutyl Ketone		33
Di-n-propylnitrosamine		14	Methyl Methacrylate		160
1, 4-Dioxane		170	Methyl Methansulfonate		NA
Diphenylamine		13	Methyl Parathion		4.6
Diphenylnitrosamine		13	3-Methylcholanthrene		15
1, 2-Diphenylhydrazine		NA	4, 4-Methylene bis (2-chloroaniline)		30
Disulfoton		6.2	Methylene Chloride		30
Dithiocarbamates (total)		28	Metolcarb		1.4
Endosulfan I		0.066	Mexacarbate		1.4
Endosulfan II		0.13	Molinate		1.4
Endosulfan Sulfate		0.13	Naphthalene		5.6
Endrin		0.13	2-Naphthylamine		NA
Endrin Aldehyde		0.13	o-Nitroaniline		14
EPTC		1.4	p-Nitroaniline		28
Ethyl Acetate		33	Nitrobenzene		14
Ethyl Benzene		10	5-Nitro-o-toluidine		28
Ethyl Cyanide/Propanenitrile		360	o-Nitrophenol		13
Ethyl Ether		160	p-Nitrophenol		29
Ethyl Methacrylate		160	N-Nitrosodiethylamine		28
Ethylene Oxide		NA	N-Nitrosodimethylamine		2.3
bis (2-Ethylhexyl) Phthalate		28	N-Nitroso-di-n-butylamine		17
Famphur		15	N-Nitrosomethylethylamine		2.3
Fluoranthene		3.4	N-Nitrosomorpholine		2.3
Fluorene		3.4	N-Nitrosopiperidine		35
Formetanate Hydrochloride		1.4	N-Nitrosopyrrolidine		35
Formparanate		1.4	Oxamyl		0.28
Heptachlor		0.066	Parathion		4.6
Heptachlor Epoxide		0.066	Total PCBs (Sum of all PCB isomers, or all Arochlors)		10
Hexachlorobenzene		10	Pebulate		1.4
Hexachlorobutadiene		5.6	Pentachlorobenzene		10
Hexachlorocyclopentadiene		2.4	PcCDDs (All Pentachlorodibenzo-p-dioxins)		0.001
Hexachloroethane		30	PeCDFs (All Pentachlorodibenzofurans)		0.001
Hexachloropropylene		30	Pentachloroethane		6.0

UNIVERSAL TREATMENT STANDARDS TABLE FOR UNDERLYING HAZARDOUS CONSTITUENTS

Constituent	Present	NWW	Constituent	Present	NWW
I. Organic Constituents Cont'd			II. Inorganic Constituents		
	Check Here	Mg/kg3		Check Here	Mg/kg3
Pentachloronitrobenzene		4.8	Antimony		2.1 mg/L TCLP
Pentachlorophenol		7.4	Arsenic		5.0 mg/L TCLP
Phenacetin		16	Barium		7.6 mg/L TCLP
Phenanthrene		5.6	Beryllium		0.014 mg/L TCLP
Phenol		6.2	Cadmium		0.19 mg/L TCLP
o-Phenylenediamine		5.6	Chromium (Total)		0.86 mg/L TCLP
Phorate		4.6	Cyanides (Total)		590
Phthalic Acid		28	Cyanides (Amenable)		30
Phthalic Anhydride		28	Fluoride		NA
Physostigmine		1.4	Lead		0.37 mg/L TCLP
Physostigmine Salicylate		1.4	Mercury-Nonwastewater from retort		0.20 mg/L TCLP
Promecarb		1.4	Mercury-All Others		0.25 mg/L TCLP
Pronamide		1.5	Nickel		5.0 mg/L TCLP
Propham		1.4	Selenium		0.16 mg/L TCLP
Propoxur		1.4	Silver		0.30 mg/L TCLP
Prosulfocarb		1.4	Sulfide		NA
Pyrene		8.2	Thallium		0.78 mg/L TCLP
Pyridine		16	Vanadium		0.23 mg/L TCLP
Safrole		22	Zinc		5.3 mg/L TCLP
Silvex / 2,4,5-TP		7.9			
1,2,4,5-Tetrachlorobenzene		14			
TCDDs (All Tetrachlorodibenzo-p-dioxins)		0.001			
TCDFs (All Tetrachlorodibenzofurans)		0.001			
1,1,1,2-Tetrachloroethane		6.0			
1,1,2,2-Tetrachloroethane		6.0			
Tetrachloroethylene		6.0			
2,3,4,6-Tetrachlorophenol		7.4			
Thiodicarb		1.4			
Thiophanate-methyl		1.4			
Tirpate		0.28			
Toluene		10			
Toxaphene		2.6			
Triallate		1.4			
Tribromomethane/Bromoform		15			
1,2,4-Trichlorobenzene		19			
1,1,1-Trichloroethane		6.0			
1,1,2-Trichloroethane		6.0			
Trichloroethylene		6.0			
Trichloromonofluoromethane		30			
2,4,5-Trichlorophenoxyacetic Acid/2,4,5-T		7.4			
2,4,6-Trichlorophenol		7.4			
2,4,5-Trichlorophenol		7.9			
1,2,3-Trichloropropane		30			
1,1,2-Trichloro-2,2,2-trifluoroethane		30			
Triethylamine		1.5			
tris-(2,3-Dibromopropyl) Phosphate		0.10			
Vernolate		1.4			
Vinyl Chloride		6.0			
Xylenes (sum of o-,m-,p-xylene concentrations)		30			

RINECO

LAND DISPOSAL RESTRICTION NOTIFICATION FORM

State Codes	Sabreliner-Independence	EPA ID #	K S D 9 8 1 7 1 2 8 5 4	
	F001/D039	Manifest #	AR-903690	Line Item 11d
		Profile #	9506-05570	

EPA Waste Codes	Waste Description & Treatment/ Regulatory Subcategory	Concentration in mg/l or Technology Code
	Non-Wastewater	
<input type="checkbox"/> D001	Ignitable characteristic wastes, except for 261.21(a)(1) High TOC subcategory that are managed in Non-CWA/nonCWA equivalent/non class I SDWA systems.	DEACT and meet 268.48 standards or RORGS; or CMBST
<input type="checkbox"/> D001	High TOC Ignitable characteristic liquids subcategory based on 40 CFR 261.21(a)(1)-greater than or equal to 10% TOC.	RORGS; or CMBST
<input type="checkbox"/> D002	Corrosive characteristic wastes that are managed in non-CWA non CWA equivalent, or class / SDWA systems.	DEACT & meet 268.48 standards

D004-D011 Heavy Metals Expressed in Concentrations of mg/l (TCLP) Non-Wastewater

<input type="checkbox"/> D004	Arsenic 5.0	<input type="checkbox"/> D008	Lead 5.0
<input type="checkbox"/> D005	Barium 100	<input type="checkbox"/> D009	Mercury 0.20 low mercury subcategory
<input type="checkbox"/> D006	Cadmium 1.0	<input type="checkbox"/> D010	Selenium 5.7
<input type="checkbox"/> D007	Chromium 5.0	<input type="checkbox"/> D011	Silver 5.0

D012-D043 Concentrations Expressed in mg/kg, and Must Meet 268.48 Standards. Non-Wastewater

<input type="checkbox"/> D012	Endrin 0.13	<input type="checkbox"/> D024	m-cresol 5.6	<input type="checkbox"/> D036	Nitrobenzene 14
<input type="checkbox"/> D013	Lindane 0.066	<input type="checkbox"/> D025	p-cresol 5.6	<input type="checkbox"/> D037	Pentachlorophenol 7.4
<input type="checkbox"/> D014	Methoxychlor 0.18	<input type="checkbox"/> D026	Cresol Mixed Isomer 11.2	<input type="checkbox"/> D038	Pyridine 16
<input type="checkbox"/> D015	Toxaphene 2.6	<input type="checkbox"/> D027	p-dichlorobenzene 6.0	<input type="checkbox"/> D039	Tetrachloroethylene 6.0
<input type="checkbox"/> D016	2,4 D 10	<input type="checkbox"/> D028	1,2-dichloroethane 6.0	<input type="checkbox"/> D040	Trichloroethylene 6.0
<input type="checkbox"/> D017	2,4,5-TP Silvex 7.9	<input type="checkbox"/> D029	1,1-dichloroethylene 6.0	<input type="checkbox"/> D041	2,4,5-Trichlorophenol
<input type="checkbox"/> D018	Benzene 10	<input type="checkbox"/> D030	2,4-dinitrotoluene 140	<input type="checkbox"/> D042	2,4,6-Trichlorophenol
<input type="checkbox"/> D019	Carbon Tetrachloride 6.0	<input type="checkbox"/> D031	Heptachlor & epoxides 0.066	<input type="checkbox"/> D043	Vinyl Chloride 6.0
<input type="checkbox"/> D020	Chlordane 0.26	<input type="checkbox"/> D032	Hexachlorobenzene 10		
<input type="checkbox"/> D021	Chlorobenzene 6.0	<input type="checkbox"/> D033	Hexachlorobutadiene 5.6		
<input type="checkbox"/> D022	Chloroform 6.0	<input type="checkbox"/> D034	Hexachloroethane 30		
<input type="checkbox"/> D023	o-cresol 5.6	<input type="checkbox"/> D035	Methyl Ethyl Ketone 36		

F001-F005 Spent Solvents; Non-Wastewater concentrations expressed in mg/kg

F003-F005 Non-Wastewater spent solvents expressed in mg/l (TCLP)

<input type="checkbox"/>	Acetone 160	<input type="checkbox"/>	Isobutyl Alcohol 170	<input type="checkbox"/>	Carbon disulfide 4.8
<input type="checkbox"/>	Benzene 10	<input type="checkbox"/>	Methylene Chloride 30	<input type="checkbox"/>	Cyclohexanone 0.75
<input type="checkbox"/>	N-butyl alcohol 2.6	<input type="checkbox"/>	Methyl Ethyl Ketone 36	<input type="checkbox"/>	Methanol 0.75
<input type="checkbox"/>	carbon tetrachloride 6.0	<input type="checkbox"/>	Methyl Isobutyl Ketone 33		
<input type="checkbox"/>	chlorobenzene 6.0	<input type="checkbox"/>	Nitrobenzene 14		
<input type="checkbox"/>	o-cresol 5.6	<input type="checkbox"/>	Pyridine 16		
<input type="checkbox"/>	m-cresol 5.6	<input type="checkbox"/>	Tetrachloroethylene 6.0		
<input type="checkbox"/>	p-cresol 5.6	<input type="checkbox"/>	Toluene 10		
<input type="checkbox"/>	Cresol mixed isomers 11.2	<input type="checkbox"/>	111-Trichloroethane 6.0		
<input type="checkbox"/>	O - Dichlorobenzene 6.0	<input type="checkbox"/>	112-Trichloroethane 6.0		
<input type="checkbox"/>	Ethyl Acetate 33	<input type="checkbox"/>	112-Trichloro-		
<input type="checkbox"/>	Ethyl Benzene 10	<input type="checkbox"/>	122-trifluoroethane 30		
<input type="checkbox"/>	Ethyl Ether 160	<input type="checkbox"/>	Trichloroethylene 6.0		
		<input type="checkbox"/>	Trichloromono-fluoromethane 30		
		<input type="checkbox"/>	Xylene (mixed isomers) 30		

UNIVERSAL TREATMENT STANDARDS TABLE FOR UNDERLYING HAZARDOUS CONSTITUENTS

Generator Name: Sabreliner Independence

Rineco Profile #: 9506-05570

State Manifest Doc. #: AR-903690

Manifest Doc. #: _____

If the specified treatment technology of "DEACT" and meet 268.48 Standard" is identified, then each underlying hazardous constituent present in the waste at the point of generation that is at a level above the F039 constituent specific treatment standard must be listed. Please check the box next to each constituent present to note the constituent(s) that must be managed under 40 CF268.7.

Constituent	Present	NWW	Constituent	Present	NWW
<u>I. Organic Constituents</u>	Check Here	Mg/kg3		Check Here	Mg/kg3
A2213		1.4	Chlordane (alpha & gamma isomers)		0.26
Acenaphthene		3.4	p-Chloroaniline		16
Acenaphthylene		3.4	Chlorobenzene		6.0
Acetone		160	Chlorobenzilate		NA
Acetonitrile		38	2-Chloro-1,3-butadiene		0.28
Acetophenone		9.7	Chlorodibromomethane		15
2-Acetylaminofluorene		140	Chloroethane		6.0
Acrolein		NA	bis (2-Chloroethoxy) methane		7.2
Acrylamide		23	bis (2-Chloroethyl) ether		6.0
Acrylonitrile		84	2-Chloroethyl Vinyl Ether		NA
Aldicarb Sulfone		0.28	Chloroform		6.0
Aldrin		0.066	bis (2-Chloroisopropyl) ether		7.2
4-Aminobiphenyl		NA	p-Chloro-m-cresol		14
Aniline		14	Chloromethane / Methyl Chloride		30
Anthracene		3.4	2-Chloronaphthalene		5.6
Aramite		NA	2-Chlorophenol		5.7
Barban		1.4	3-Chloropropylene		30
Bendiocarb		1.4	Chrysene		3.4
Bendiocarb Phenol		1.4	o-Cresol		5.6
Benomyl		1.4	m-Cresol		5.6
Benz (a) anthracene		3.4	p-Cresol		5.6
Benzal Chloride		6.0	m-Cumenyl Methylcarbamate		1.4
Benzene		10	Cycloate		1.4
Benzo (b) fluoranthene		6.8	Cyclohexanone		0.75 mg/L TCLP
Benzo (k) fluoranthene		6.8	o, p'- DDD		0.087
Benzo (g,h,i) perylene		1.8	p, p'- DDD		0.087
Benzo (a) pyrene		3.4	o, p'- DDE		0.087
Benzo (a) pyrene alpha-BHC		0.066	p, p'- DDE		0.087
Benzo (a) pyrene beta-BHC		0.066	o, p'- DDT		0.087
Benzo (a) pyrene delta-BHC		0.066	p, p'- DDT		0.087
Benzo (a) pyrene gamma-BHC		0.066	Dibenz (a,h) anthracene		8.2
Bromodichloromethane		15	Deibenz (a, e) pyrene		NA
Bromomethane / Methyl Bromide		15	1, 2-Dibromo-3-chloropropane		15
4-bromophenyl Phenyl Ether		15	1, 2-Dibromoethane/Ethylene Dibromide		15
N-butyl Alcohol		2.6	Dibromomethane		15
Butyl Benzyl Phthalate		28	m-Dichlorobenzene		6.0
Butylate		1.4	o-Dichlorobenzene		6.0
2-sec-Butyl-4,6-dinitrophenol/Dinoseb		2.5	p-Dichlorobenzene		6.0
Carbaryl		0.14	Dichlorodifluoromethane		7.2
Carbenzadim		1.4	1, 1-Dichloroethane		6.0
Carbofuran		0.14	1, 2-Dichloroethane		6.0
Carbofuran Phenol		1.4	1, 1-Dichloroethylene		6.0
Carbon Disulfide		4.8 mg/L TCLP	trans-1, 2-Dichloroethylene		30
Carbon Tetrachloride		6.0	2, 4-Dichlorophenol		14
Carbosulfan		1.4	2, 6-Dichlorophenol		14

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Organic Constituents Cont'd					
	Check Here	Mg/kg3		Check Here	Mg/kg3
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1, 2-Dichloropropane		18	HxCDFs (All Hexachlorodibenzofurans)		0.001
cis-1, 3-Dichloropropylene		18	Indeno (1,2,3-c,d) pyrene		3.4
trans-1, 3-Dichloropropylene		18	Iodomethane		65
Dieldrin		0.13	3-Iodo-2-propynyl n-butylcarbamate		1.4
Diethyl Phthalate		28	Isobutyl Alcohol		170
Diethylene Glycol. Dicarbamate		1.4	Isodrin		0.066
p-Dimethylaminoazobenzene		NA	Isolan		1.4
2,4-Dimethyl Phenol		14	Isosafrole		2.6
Dimethyl Phthalate		28	Kepone		0.13
Dimetilan		1.4	Methacrylonitrile		84
Di-n-butyl Phthalate		28	Methanol		0.75 mg/L TCLP
1, 4-Dinitrobenzene		2.3	Methapyrilene		1.5
4, 6-Dinitro-o-cresol		160	Methiocarb		1.4
2, 4-Dinitrophenol		160	Methomyl		0.14
2, 4-Dinitrotoluene		140	Methoxychlor		0.18
2, 6-Dinitrotoluene		28	Methyl Ethyl Ketone		36
Di-n-octyl Phthalate		28	Methyl Isobutyl Ketone		33
Di-n-propylNitrosamine		14	Methyl Methacrylate		160
1, 4-Dioxane		170	Methyl Methansulfonate		NA
Diphenylamine		13	Methyl Parathion		4.6
DiphenylNitrosamine		13	3-Methylcholanthrene		15
1, 2-Diphenylhydrazine		NA	4, 4-Methylene bis (2-chloroaniline)		30
Disulfoton		6.2	Methylene Chloride		30
Dithiocarbamates (total)		28	Metolcarb		1.4
Endosulfan I		0.066	Mexacarbate		1.4
Endosulfan II		0.13	Molinate		1.4
Endosulfan Sulfate		0.13	Naphthalene		5.6
Endrin		0.13	2-Naphthylamine		NA
Endrin Aldehyde		0.13	o-Nitroaniline		14
EPTC		1.4	p-Nitroaniline		28
Ethyl Acetate		33	Nitrobenzene		14
Ethyl Benzene		10	5-Nitro-o-toluidine		28
Ethyl Cyanide/Propanenitrile		360	o-Nitrophenol		13
Ethyl Ether		160	p-Nitrophenol		29
Ethyl Methacrylate		160	N-Nitrosodiethylamine		28
Ethylene Oxide		NA	N-Nitrosodimethylamine		2.3
bis (2-Ethylhexyl) Phthalate		28	N-Nitroso-di-n-butylamine		17
Famphur		15	N-Nitrosomethylethylamine		2.3
Fluoranthene		3.4	N-Nitrosomorpholine		2.3
Fluorene		3.4	N-Nitrosopiperidine		35
Formetanate Hydrochloride		1.4	N-Nitrosopyrrolidine		35
Formparanate		1.4	Oxamyl		0.28
Heptachlor		0.066	Parathion		4.6
Heptachlor Epoxide		0.066	Total PCBs (Sum of all PCB isomers, or all Aroclors)		10
Hexachlorobenzene		10	Pebulate		1.4
Hexachlorobutadiene		5.6	Pentachlorobenzene		10
Hexachlorocyclopentadiene		2.4	PcCDDs (All Pentachlorodibenzo-p-dioxins)		0.001
Hexachloroethane		30	PeCDFs (All Pentachlorodibenzofurans)		0.001
Hexachloropropylene		30	Pentachloroethane		6.0

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Phenanthrene		5.6	Beryllium		0.014 mg/L TCLP
Phenol		6.2	Cadmium		0.19 mg/L TCLP
o-Phenylenediamine		5.6	Chromium (Total)		0.86 mg/L TCLP
Phorate		4.6	Cyanides (Total)		590
Phthalic Acid		28	Cyanides (Amenable)		30
Phthalic Anhydride		28	Fluoride		NA
Physostigmine		1.4	Lead		0.37 mg/L TCLP
Physostigmine Salicylate		1.4	Mercury-Nonwastewater from retort		0.20 mg/L TCLP
Promecarb		1.4	Mercury-All Others		0.25 mg/L TCLP
Pronamide		1.5	Nickel		5.0 mg/L TCLP
Propham		1.4	Selenium		0.16 mg/L TCLP
Propoxur		1.4	Silver		0.30 mg/L TCLP
Prosulfocarb		1.4	Sulfide		NA
Pyrene		8.2	Thallium		0.78 mg/L TCLP
Pyridine		16	Vanadium		0.23 mg/L TCLP
Safrole		22	Zinc		5.3 mg/L TCLP
Silvex / 2,4,5-TP		7.9			
1,2,4,5-Tetrachlorobenzene		14			
TCDDs (All Tetrachlorodibenzo-p-dioxins)		0.001			
TCDFs (All Tetrachlorodibenzofurans)		0.001			
1,1,1,2-Tetrachloroethane		6.0			
1,1,2,2-Tetrachloroethane		6.0			
Tetrachloroethylene		6.0			
2,3,4,6-Tetrachlorophenol		7.4			
Thiodicarb		1.4			
Thiophanate-methyl		1.4			
Tirpate		0.28			
Toluene		10			
Toxaphene		2.6			
Triallate		1.4			
Tribromomethane/Bromoform		15			
1,2,4-Trichlorobenzene		19			
1,1,1-Trichloroethane		6.0			
1,1,2-Trichloroethane		6.0			
Trichloroethylene		6.0			
Trichloromonofluoromethane		30			
2,4,5-Trichlorophenoxyacetic Acid/2,4,5-T		7.4			
2,4,6-Trichlorophenol		7.4			
2,4,5-Trichlorophenol		7.9			
1,2,3-Trichloropropane		30			
1,1,2-Trichloro-2,2,2-trifluoroethane		30			
Triethylamine		1.5			
tris-(2,3-Dibromopropyl) Phosphate		0.10			
Vernolate		1.4			
Vinyl Chloride		6.0			
Xylenes (sum of o-,m-,p-xylene concentrations)		30			



STATE OF ARKANSAS
Department of Pollution Control and Ecology
P.O. Box 8913 Little Rock, Arkansas 72219-8913
Telephone 501-682-0744

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Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. EXPIRES 9-30-99

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1	Information in the shaded areas is not required by Federal law.	
		KSD9817128540	000541	1 of 1		
3. Generator's Name and Mailing Address Sabreliner Independence #1 Freedom Drive Independence, KS 67301			A. State Manifest Document Number AR-903691			
4. Generator's Phone 316-331-8180			B. State Generator's ID			
5. Transporter 1 Company Name SLT Express, Inc.			C. State Transporter's ID PC-1364 H-799			
6. US EPA ID Number UTD981552425			D. Transporter's Phone 800-627-3047			
7. Transporter 2 Company Name			E. State Transporter's ID PC---- H---			
8. US EPA ID Number			F. Transporter's Phone			
9. Designated Facility Name and Site Address RINECO 1007 Vulcan Rd.-Haskell Benton, AR 72015			G. State Facility's ID			
10. US EPA ID Number ARD981057870			H. Facility's Phone 501-778-9089			
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.	
a. Waste Naphtha Solvent Mixture 3, UN1256, PG III		No. 002 Type DM	00110	G	D001	
b. Waste Naphtha, 3, UN2553, PG III		No. 002 Type DM	00110	G	D001	
c. Hazardous Waste Liquid, N.O.S., (Methylene Chloride) 9, NA3082, PG III, RQ (D007)		No. 001 Type DM	00055	G	D007/P002	
d.						
J. Additional Description for Materials Listed Above a. 9601-02133 ERG# 128 (PD 680 Solvent) b. 9506-05569 ERG# 128 (Calibration Fluid) c. 9503-02758 ERG# 171 (Paint Remover)			K. Emergency Response Information: Jim Johnson 316-331-8180			
if no alternate TSDF, return to generator. Pick Up Date: 6/26/97 8AM Load # 15869						
15. Special Handling Instructions and Additional Information						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and Arkansas state regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name J. L. JOHNSON		Signature <i>[Signature]</i>		Month Day Year 06 25 97		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name Jose L. Martinez		Signature <i>[Signature]</i>		Month Day Year 06 25 97		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name PAUL BAIRD		Signature <i>[Signature]</i>		Month Day Year 06 26 97		

RINECO LAND DISPOSAL RESTRICTION NOTIFICATION FORM

For & State Codes	Sabreliner-Independence	EPA ID #	K S D 9 8 1 7 1 2 8 5 4	
	D001	Manifest #	AR-903691	Line Item 11a
		Profile #	9601-02133	

EPA Waste Codes	Waste Description & Treatment/ Regulatory Subcategory	Concentration in mg/l or Technology Code
	Non-Wastewater	
<input type="checkbox"/>	D001 Ignitable characteristic wastes, except for 261.21(a)(1) High TOC subcategory that are managed in Non-CWA/nonCWA equivalent/non class I SDWA systems.	DEACT and meet 268.48 standards or RORGS; or CMBST
<input checked="" type="checkbox"/>	D001 High TOC Ignitable characteristic liquids subcategory based on 40 CFR 261.21(a)(1)-greater than or equal to 10% TOC.	RORGS; or CMBST
<input type="checkbox"/>	D002 Corrosive characteristic wastes that are managed in non-CWA non CWA equivalent, or class / SDWA systems.	DEACT & meet 268.48 standards

D004-D011 Heavy Metals Expressed in Concentrations of mg/l (TCLP) Non-Wastewater

<input type="checkbox"/>	D004 Arsenic 5.0	<input type="checkbox"/>	D008 Lead 5.0
<input type="checkbox"/>	D005 Barium 100	<input type="checkbox"/>	D009 Mercury 0.20 low mercury subcategory
<input type="checkbox"/>	D006 Cadmium 1.0	<input type="checkbox"/>	D010 Selenium 5.7
<input type="checkbox"/>	D007 Chromium 5.0	<input type="checkbox"/>	D011 Silver 5.0

D012-D043 Concentrations Expressed in mg/kg, and Must Meet 268.48 Standards. Non-Wastewater

<input type="checkbox"/>	D012 Endrin 0.13	<input type="checkbox"/>	D024 m-cresol 5.6	<input type="checkbox"/>	D036 Nitrobenzene 14
<input type="checkbox"/>	D013 Lindane 0.066	<input type="checkbox"/>	D025 p-cresol 5.6	<input type="checkbox"/>	D037 Pentachlorophenol 7.4
<input type="checkbox"/>	D014 Methoxychlor 0.18	<input type="checkbox"/>	D026 Cresol Mixed Isomer 11.2	<input type="checkbox"/>	D038 Pyridine 16
<input type="checkbox"/>	D015 Toxaphene 2.6	<input type="checkbox"/>	D027 p-dichlorobenzene 6.0	<input type="checkbox"/>	D039 Tetrachloroethylene 6.0
<input type="checkbox"/>	D016 2,4 D 10	<input type="checkbox"/>	D028 1,2-dichloroethane 6.0	<input type="checkbox"/>	D040 Trichloroethylene 6.0
<input type="checkbox"/>	D017 2,4,5-TP Silvex 7.9	<input type="checkbox"/>	D029 1,1-dichloroethylene 6.0	<input type="checkbox"/>	D041 2,4,5-Trichlorophenol
<input type="checkbox"/>	D018 Benzene 10	<input type="checkbox"/>	D030 2,4-dinitrotoluene 140	<input type="checkbox"/>	D042 2,4,6-Trichlorophenol
<input type="checkbox"/>	D019 Carbon Tetrachloride 6.0	<input type="checkbox"/>	D031 Heptachlor & epoxides 0.066	<input type="checkbox"/>	D043 Vinyl Chloride 6.0
<input type="checkbox"/>	D020 Chlordane 0.26	<input type="checkbox"/>	D032 Hexachlorobenzene 10		
<input type="checkbox"/>	D021 Chlorobenzene 6.0	<input type="checkbox"/>	D033 Hexachlorobutadiene 5.6		
<input type="checkbox"/>	D022 Chloroform 6.0	<input type="checkbox"/>	D034 Hexachloroethane 30		
<input type="checkbox"/>	D023 o-cresol 5.6	<input type="checkbox"/>	D035 Methyl Ethyl Ketone 36		

F001-F005 Spent Solvents; Non-Wastewater concentrations expressed in mg/kg

F003-F005 Non-Wastewater spent solvents expressed in mg/l (TCLP)

<input type="checkbox"/>	Acetone 160	<input type="checkbox"/>	Isobutyl Alcohol 170	<input type="checkbox"/>	Carbon disulfide 4.8
<input type="checkbox"/>	Benzene 10	<input type="checkbox"/>	Methylene Chloride 30	<input type="checkbox"/>	Cyclohexanone 0.75
<input type="checkbox"/>	N-butyl alcohol 2.6	<input type="checkbox"/>	Methyl Ethyl Ketone 36	<input type="checkbox"/>	Methanol 0.75
<input type="checkbox"/>	carbon tetrachloride 6.0	<input type="checkbox"/>	Methyl Isobutyl Ketone 33		
<input type="checkbox"/>	chlorobenzene 6.0	<input type="checkbox"/>	Nitrobenzene 14		
<input type="checkbox"/>	o-cresol 5.6	<input type="checkbox"/>	Pyridine 16		
<input type="checkbox"/>	m-cresol 5.6	<input type="checkbox"/>	Tetrachloroethylene 6.0		
<input type="checkbox"/>	p-cresol 5.6	<input type="checkbox"/>	Toluene 10		
<input type="checkbox"/>	Cresol mixed isomers 11.2	<input type="checkbox"/>	111-Trichloroethane 6.0		
<input type="checkbox"/>	O - Dichlorobenzene 6.0	<input type="checkbox"/>	112-Trichloroethane 6.0		
<input type="checkbox"/>	Ethyl Acetate 33	<input type="checkbox"/>	112-Trichloro-		
<input type="checkbox"/>	Ethyl Benzene 10	<input type="checkbox"/>	122-trifluoroethane 30		
<input type="checkbox"/>	Ethyl Ether 160	<input type="checkbox"/>	Trichloroethylene 6.0		
		<input type="checkbox"/>	Trichloromono-		
		<input type="checkbox"/>	fluoromethane 30		
		<input type="checkbox"/>	Xylene (mixed isomers) 30		

RINECO

LAND DISPOSAL RESTRICTION NOTIFICATION FORM

Sabreliner-Independence		EPA ID #	K S D 9 8 1 7 1 2 8 5 4	
State Codes	D001	Manifest #	AR-903691	Line Item 11b
		Profile #	9506-05569	

EPA Waste Codes	Waste Description & Treatment/ Regulatory Subcategory	Concentration in mg/l or Technology Code
	Non-Wastewater	
<input type="checkbox"/>	D001 Ignitable characteristic wastes, except for 261.21(a)(1) High TOC subcategory that are managed in Non-CWA/nonCWA equivalent/non class I SDWA systems.	DEACT and meet 268.48 standards or RORGS; or CMBST
<input checked="" type="checkbox"/>	D001 High TOC Ignitable characteristic liquids subcategory based on 40 CFR 261.21(a)(1)-greater than or equal to 10% TOC.	RORGS; or CMBST
<input type="checkbox"/>	D002 Corrosive characteristic wastes that are managed in non-CWA non CWA equivalent, or class / SDWA systems.	DEACT & meet 268.48 standards

D004-D011 Heavy Metals Expressed in Concentrations of mg/l (TCLP) Non-Wastewater

<input type="checkbox"/>	D004 Arsenic 5.0	<input type="checkbox"/>	D008 Lead 5.0
<input type="checkbox"/>	D005 Barium 100	<input type="checkbox"/>	D009 Mercury 0.20 low mercury subcategory
<input type="checkbox"/>	D006 Cadmium 1.0	<input type="checkbox"/>	D010 Selenium 5.7
<input type="checkbox"/>	D007 Chromium 5.0	<input type="checkbox"/>	D011 Silver 5.0

D012-D043 Concentrations Expressed in mg/kg, and Must Meet 268.48 Standards. Non-Wastewater

<input type="checkbox"/>	D012 Endrin 0.13	<input type="checkbox"/>	D024 m-cresol 5.6	<input type="checkbox"/>	D036 Nitrobenzene 14
<input type="checkbox"/>	D013 Lindane 0.066	<input type="checkbox"/>	D025 p-cresol 5.6	<input type="checkbox"/>	D037 Pentachlorophenol 7.4
<input type="checkbox"/>	D014 Methoxychlor 0.18	<input type="checkbox"/>	D026 Cresol Mixed Isomer 11.2	<input type="checkbox"/>	D038 Pyridine 16
<input type="checkbox"/>	D015 Toxaphene 2.6	<input type="checkbox"/>	D027 p-dichlorobenzene 6.0	<input type="checkbox"/>	D039 Tetrachloroethylene 6.0
<input type="checkbox"/>	D016 2,4 D 10	<input type="checkbox"/>	D028 1,2-dichloroethane 6.0	<input type="checkbox"/>	D040 Trichloroethylene 6.0
<input type="checkbox"/>	D017 2,4,5-TP Silvex 7.9	<input type="checkbox"/>	D029 1,1-dichloroethylene 6.0	<input type="checkbox"/>	D041 2,4,5-Trichlorophenol
<input type="checkbox"/>	D018 Benzene 10	<input type="checkbox"/>	D030 2,4-dinitrotoluene 140	<input type="checkbox"/>	D042 2,4,6-Trichlorophenol
<input type="checkbox"/>	D019 Carbon Tetrachloride 6.0	<input type="checkbox"/>	D031 Heptachlor & epoxides 0.066	<input type="checkbox"/>	D043 7,4 Vinyl Chloride 6.0
<input type="checkbox"/>	D020 Chlordane 0.26	<input type="checkbox"/>	D032 Hexachlorobenzene 10		
<input type="checkbox"/>	D021 Chlorobenzene 6.0	<input type="checkbox"/>	D033 Hexachlorobutadiene 5.6		
<input type="checkbox"/>	D022 Chloroform 6.0	<input type="checkbox"/>	D034 Hexachloroethane 30		
<input type="checkbox"/>	D023 o-cresol 5.6	<input type="checkbox"/>	D035 Methyl Ethyl Ketone 36		

F001-F005 Spent Solvents; Non-Wastewater concentrations expressed in mg/kg

<input type="checkbox"/>	Acetone 160	<input type="checkbox"/>	Isobutyl Alcohol 170
<input type="checkbox"/>	Benzene 10	<input type="checkbox"/>	Methylene Chloride 30
<input type="checkbox"/>	N-butyl alcohol 2.6	<input type="checkbox"/>	Methyl Ethyl Ketone 36
<input type="checkbox"/>	carbon tetrachloride 6.0	<input type="checkbox"/>	Methyl Isobutyl Ketone 33
<input type="checkbox"/>	chlorobenzene 6.0	<input type="checkbox"/>	Nitrobenzene 14
<input type="checkbox"/>	o-cresol 5.6	<input type="checkbox"/>	Pyridine 16
<input type="checkbox"/>	m-cresol 5.6	<input type="checkbox"/>	Tetrachloroethylene 6.0
<input type="checkbox"/>	p-cresol 5.6	<input type="checkbox"/>	Toluene 10
<input type="checkbox"/>	Cresol mixed isomers 11.2	<input type="checkbox"/>	111-Trichloroethane 6.0
<input type="checkbox"/>	O - Dichlorobenzene 6.0	<input type="checkbox"/>	112-Trichloroethane 6.0
<input type="checkbox"/>	Ethyl Acetate 33	<input type="checkbox"/>	112-Trichloro-
<input type="checkbox"/>	Ethyl Benzene 10	<input type="checkbox"/>	122-trifluoroethane 30
<input type="checkbox"/>	Ethyl Ether 160	<input type="checkbox"/>	Trichloroethylene 6.0
		<input type="checkbox"/>	Trichloromono-
		<input type="checkbox"/>	fluoromethane 30
		<input type="checkbox"/>	Xylene (mixed isomers) 30

F003-F005 Non-Wastewater spent solvents expressed in mg/l (TCLP)

<input type="checkbox"/>	Carbon disulfide 4.8
<input type="checkbox"/>	Cyclohexanone 0.75
<input type="checkbox"/>	Methanol 0.75

RINECO

LAND DISPOSAL RESTRICTION NOTIFICATION FORM

State Codes	Sabreliner-Independence	EPA ID #	K S D 9 8 1 7 1 2 8 5 4	
	D007/ F002	Manifest #	AR-903691	Line Item 11c
		Profile #	9503-02758	

EPA Waste Codes	Waste Description & Treatment/ Regulatory Subcategory	Concentration in mg/l or Technology Code
	Non-Wastewater	
<input type="checkbox"/> D001	Ignitable characteristic wastes, except for 261.21(a)(1) High TOC subcategory that are managed in Non-CWA/nonCWA equivalent/non class I SDWA systems.	DEACT and meet 268.48 standards or RORGS; or CMBST
<input type="checkbox"/> D001	High TOC Ignitable characteristic liquids subcategory based on 40 CFR 261.21(a)(1)-greater than or equal to 10% TOC.	RORGS; or CMBST
<input type="checkbox"/> D002	Corrosive characteristic wastes that are managed in non-CWA non CWA equivalent, or class / SDWA systems.	DEACT & meet 268.48 standards

D004-D011 Heavy Metals Expressed in Concentrations of mg/l (TCLP) Non-Wastewater

<input type="checkbox"/> D004	Arsenic 5.0	<input type="checkbox"/> D008	Lead 5.0
<input type="checkbox"/> D005	Barium 100	<input type="checkbox"/> D009	Mercury 0.20 low mercury subcategory
<input type="checkbox"/> D006	Cadmium 1.0	<input type="checkbox"/> D010	Selenium 5.7
<input type="checkbox"/> D007	Chromium 5.0	<input type="checkbox"/> D011	Silver 5.0

D012-D043 Concentrations Expressed in mg/kg, and Must Meet 268.48 Standards. Non-Wastewater

<input type="checkbox"/> D012	Endrin 0.13	<input type="checkbox"/> D024	m-cresol 5.6	<input type="checkbox"/> D036	Nitrobenzene 14
<input type="checkbox"/> D013	Lindane 0.066	<input type="checkbox"/> D025	p-cresol 5.6	<input type="checkbox"/> D037	Pentachlorophenol 7.4
<input type="checkbox"/> D014	Methoxychlor 0.18	<input type="checkbox"/> D026	Cresol Mixed Isomer 11.2	<input type="checkbox"/> D038	Pyridine 16
<input type="checkbox"/> D015	Toxaphene 2.6	<input type="checkbox"/> D027	p-dichlorobenzene 6.0	<input type="checkbox"/> D039	Tetrachloroethylene 6.0
<input type="checkbox"/> D016	2,4 D 10	<input type="checkbox"/> D028	1,2-dichloroethane 6.0	<input type="checkbox"/> D040	Trichloroethylene 6.0
<input type="checkbox"/> D017	2,4,5-TP Silvex 7.9	<input type="checkbox"/> D029	1,1-dichloroethylene 6.0	<input type="checkbox"/> D041	2,4,5-Trichlorophenol
<input type="checkbox"/> D018	Benzene 10	<input type="checkbox"/> D030	2,4-dinitrotoluene 140	<input type="checkbox"/> D042	2,4,6-Trichlorophenol
<input type="checkbox"/> D019	Carbon Tetrachloride 6.0	<input type="checkbox"/> D031	Heptachlor & epoxides 0.066	<input type="checkbox"/> D043	Vinyl Chloride 6.0
<input type="checkbox"/> D020	Chlordane 0.26	<input type="checkbox"/> D032	Hexachlorobenzene 10		
<input type="checkbox"/> D021	Chlorobenzene 6.0	<input type="checkbox"/> D033	Hexachlorobutadiene 5.6		
<input type="checkbox"/> D022	Chloroform 6.0	<input type="checkbox"/> D034	Hexachloroethane 30		
<input type="checkbox"/> D023	o-cresol 5.6	<input type="checkbox"/> D035	Methyl Ethyl Ketone 36		

F001-F005 Spent Solvents; Non-Wastewater concentrations expressed in mg/kg

F003-F005 Non-Wastewater spent solvents expressed in mg/l (TCLP)

<input type="checkbox"/>	Acetone 160	<input type="checkbox"/>	Isobutyl Alcohol 170	<input type="checkbox"/>	Carbon disulfide 4.8
<input type="checkbox"/>	Benzene 10	<input type="checkbox"/>	Methylene Chloride 30	<input type="checkbox"/>	Cyclohexanone 0.75
<input type="checkbox"/>	N-butyl alcohol 2.6	<input type="checkbox"/>	Methyl Ethyl Ketone 36	<input type="checkbox"/>	Methanol 0.75
<input type="checkbox"/>	carbon tetrachloride 6.0	<input type="checkbox"/>	Methyl Isobutyl Ketone 33		
<input type="checkbox"/>	chlorobenzene 6.0	<input type="checkbox"/>	Nitrobenzene 14		
<input type="checkbox"/>	o-cresol 5.6	<input type="checkbox"/>	Pyridine 16		
<input type="checkbox"/>	m-cresol 5.6	<input type="checkbox"/>	Tetrachloroethylene 6.0		
<input type="checkbox"/>	p-cresol 5.6	<input type="checkbox"/>	Toluene 10		
<input type="checkbox"/>	Cresol mixed isomers 11.2	<input type="checkbox"/>	111-Trichloroethane 6.0		
<input type="checkbox"/>	O - Dichlorobenzene 6.0	<input type="checkbox"/>	112-Trichloroethane 6.0		
<input type="checkbox"/>	Ethyl Acetate 33	<input type="checkbox"/>	112-Trichloro-		
<input type="checkbox"/>	Ethyl Benzene 10	<input type="checkbox"/>	122-trifluoroethane 30		
<input type="checkbox"/>	Ethyl Ether 160	<input type="checkbox"/>	Trichloroethylene 6.0		
		<input type="checkbox"/>	Trichloromono-fluoromethane 30		
		<input type="checkbox"/>	Xylene (mixed isomers) 30		

UNIVERSAL TREATMENT STANDARDS TABLE FOR UNDERLYING HAZARDOUS CONSTITUENTS

Generator Name: Sabreliner Independence

Rineco Profile #: 9503-02758

State Manifest Doc. #: AR-903691

Manifest Doc. #: _____

If the specified treatment technology of "DEACT" and meet 268.48 Standard" is identified, then each underlying hazardous constituent present in the waste at the point of generation that is at a level above the F039 constituent specific treatment standard must be listed. Please check the box next to each constituent present to note the constituent(s) that must be managed under 40 CF268.7.

Constituent	Present	NWW	Constituent	Present	NWW
I. Organic Constituents	Check Here	Mg/kg3		Check Here	Mg/kg3
A2213		1.4	Chlordane (alpha & gamma isomers)		0.26
Acenaphthene		3.4	p-Chloroaniline		16
Acenaphthylene		3.4	Chlorobenzene		6.0
Acetone		160	Chlorobenzilate		NA
Acetonitrile		38	2-Chloro-1,3-butadiene		0.28
Acetophenone		9.7	Chlorodibromomethane		15
2-Acetylaminofluorene		140	Chloroethane		6.0
Acrolein		NA	bis (2-Chloroethoxy) methane		7.2
Acrylamide		23	bis (2-Chloroethyl) ether		6.0
Acrylonitrile		84	2-Chloroethyl Vinyl Ether		NA
Aldicarb Sulfone		0.28	Chloroform		6.0
Aldrin		0.066	bis (2-Chloroisopropyl) ether		7.2
4-Aminobiphenyl		NA	p-Chloro-m-cresol		14
Aniline		14	Chloromethane / Methyl Chloride		30
Anthracene		3.4	2-Chloronaphthalene		5.6
Aramite		NA	2-Chlorophenol		5.7
Barban		1.4	3-Chloropropylene		30
Bendiocarb		1.4	Chrysene		3.4
Bendiocarb Phenol		1.4	o-Cresol		5.6
Benomyl		1.4	m-Cresol		5.6
Benz (a) anthracene		3.4	p-Cresol		5.6
Benzal Chloride		6.0	m-Cumenyl Methylcarbamate		1.4
Benzene		10	Cycloate		1.4
Benzo (b) fluoranthene		6.8	Cyclohexanone		0.75 mg/L TCLP
Benzo (k) fluoranthene		6.8	o, p'- DDD		0.087
Benzo (g,h,i) perylene		1.8	p, p'- DDD		0.087
Benzo (a) pyrene		3.4	o, p'- DDE		0.087
Benzo (a) pyrene alpha-BHC		0.066	p, p'- DDE		0.087
Benzo (a) pyrene beta-BHC		0.066	o, p'- DDT		0.087
Benzo (a) pyrene delta-BHC		0.066	p, p'- DDT		0.087
Benzo (a) pyrene gamma-BHC		0.066	Dibenz (a,h) anthracene		8.2
Bromodichloromethane		15	Deibenz (a, e) pyrene		NA
Bromomethane / Methyl Bromide		15	1, 2-Dibromo-3-chloropropane		15
4-bromophenyl Phenyl Ether		15	1, 2-Dibromoethane/Ethylene Dibromide		15
N-butyl Alcohol		2.6	Dibromomethane		15
Butyl Benzyl Phthalate		28	m-Dichlorobenzene		6.0
Butylate		1.4	o-Dichlorobenzene		6.0
2-sec-Butyl-4,6-dinitrophenol/Dinoseb		2.5	p-Dichlorobenzene		6.0
Carbaryl		0.14	Dichlorodifluoromethane		7.2
Carbenzadim		1.4	1, 1-Dichloroethane		6.0
Carbofuran		0.14	1, 2-Dichloroethane		6.0
Carbofuran Phenol		1.4	1, 1-Dichloroethylene		6.0
Carbon Disulfide		4.8 mg/L TCLP	trans-1, 2-Dichloroethylene		30
Carbon Tetrachloride		6.0	2, 4-Dichlorophenol		14
Carbosulfan		1.4	2, 6-Dichlorophenol		14

UNIVERSAL TREATMENT STANDARDS TABLE FOR UNDERLYING HAZARDOUS CONSTITUENTS

Constituent	Present	NWW	Constituent	Present	NWW
<u>Organic Constituents Cont'd</u>	Check Here	Mg/kg3		Check Here	Mg/kg3
2, 4-Dichlorophenoxyacetic Acid/2, 4-D		10	HxCDDs (All Hexachlorodibenzo-p-dioxins)		0.001
1, 2-Dichloropropane		18	HxCDFs (All Hexachlorodibenzofurans)		0.001
cis-1, 3-Dichloropropylene		18	Indeno (1,2,3-c,d) pyrene		3.4
trans-1, 3-Dichloropropylene		18	Iodomethane		65
Dieldrin		0.13	3-Iodo-2-propynyl n-butylcarbamate		1.4
Diethyl Phthalate		28	Isobutyl Alcohol		170
Diethylene Glycol, Dicarbamate		1.4	Isodrin		0.066
p-Dimethylaminoazobenzene		NA	Isolan		1.4
2-4-Dimethyl Phenol		14	Isosafrole		2.6
Dimethyl Phthalate		28	Kepone		0.13
Dimetilan		1.4	Methacrylonitrile		84
Di-n-butyl Phthalate		28	Methanol		0.75 mg/L TCLP
1, 4-Dinitrobenzene		2.3	Methapyrilene		1.5
4, 6-Dinitro-o-cresol		160	Methiocarb		1.4
2, 4-Dinitrophenol		160	Methomyl		0.14
2, 4-Dinitrotoluene		140	Methoxychlor		0.18
2, 6-Dinitrotoluene		28	Methyl Ethyl Ketone		36
Di-n-octyl Phthalate		28	Methyl Isobutyl Ketone		33
Di-n-propyl nitrosamine		14	Methyl Methacrylate		160
1, 4-Dioxane		170	Methyl Methanesulfonate		NA
Diphenylamine		13	Methyl Parathion		4.6
Diphenylnitrosamine		13	3-Methylcholanthrene		15
1, 2-Diphenylhydrazine		NA	4, 4-Methylene bis (2-chloroaniline)		30
Disulfoton		6.2	Methylene Chloride		30
Dithiocarbamates (total)		28	Metolcarb		1.4
Endosulfan I		0.066	Mexacarbate		1.4
Endosulfan II		0.13	Molinate		1.4
Endosulfan Sulfate		0.13	Naphthalene		5.6
Endrin		0.13	2-Naphthylamine		NA
Endrin Aldehyde		0.13	o-Nitroaniline		14
EPTC		1.4	p-Nitroaniline		28
Ethyl Acetate		33	Nitrobenzene		14
Ethyl Benzene		10	5-Nitro-o-toluidine		28
Ethyl Cyanide/Propanenitrile		360	o-Nitrophenol		13
Ethyl Ether		160	p-Nitrophenol		29
Ethyl Methacrylate		160	N-Nitrosodiethylamine		28
Ethylene Oxide		NA	N-Nitrosodimethylamine		2.3
bis (2-Ethylhexyl) Phthalate		28	N-Nitroso-di-n-butylamine		17
Famphur		15	N-Nitrosomethylethylamine		2.3
Fluoranthene		3.4	N-Nitrosomorpholine		2.3
Fluorene		3.4	N-Nitrosopiperidine		35
Formetanate Hydrochloride		1.4	N-Nitrosopyrrolidine		35
Formparanate		1.4	Oxamyl		0.28
Heptachlor		0.066	Parathion		4.6
Heptachlor Epoxide		0.066	Total PCBs (Sum of all PCB isomers, or all Aroclors)		10
Hexachlorobenzene		10	Pebulate		1.4
Hexachlorobutadiene		5.6	Pentachlorobenzene		10
Hexachlorocyclopentadiene		2.4	PcCDDs (All Pentachlorodibenzo-p-dioxins)		0.001
Hexachloroethane		30	PeCDFs (All Pentachlorodibenzofurans)		0.001
Hexachloropropylene		30	Pentachloroethane		6.0

UNIVERSAL TREATMENT STANDARDS TABLE FOR UNDERLYING HAZARDOUS CONSTITUENTS

Constituent	Present	NWW	Constituent	Present	NWW
<u>I. Organic Constituents Cont'd</u>	Check Here	Mg/kg3	<u>II. Inorganic Constituents</u>	Check Here	Mg/kg3
Pentachloronitrobenzene		4.8	Antimony		2.1 mg/L TCLP
Pentachlorophenol		7.4	Arsenic		5.0 mg/L TCLP
Phenacetin		16	Barium		7.6 mg/L TCLP
Phenanthrene		5.6	Beryllium		0.014 mg/L TCLP
Phenol		6.2	Cadmium		0.19 mg/L TCLP
o-Phenylenediamine		5.6	Chromium (Total)		0.86 mg/L TCLP
Phorate		4.6	Cyanides (Total)		590
Phthalic Acid		28	Cyanides (Amenable)		30
Phthalic Anhydride		28	Fluoride		NA
Physostigmine		1.4	Lead		0.37 mg/L TCLP
Physostigmine Salicylate		1.4	Mercury-Nonwastewater from retort		0.20 mg/L TCLP
Promecarb		1.4	Mercury-All Others		0.25 mg/L TCLP
Pronamide		1.5	Nickel		5.0 mg/L TCLP
Propham		1.4	Selenium		0.16 mg/L TCLP
Propoxur		1.4	Silver		0.30 mg/L TCLP
Prosulfocarb		1.4	Sulfide		NA
Pyrene		8.2	Thallium		0.78 mg/L TCLP
Pyridine		16	Vanadium		0.23 mg/L TCLP
Safrole		22	Zinc		5.3 mg/L TCLP
Silvex / 2,4,5-TP		7.9			
1,2,4,5-Tetrachlorobenzene		14			
TCDDs (All Tetrachlorodibenzo-p-dioxins)		0.001			
TCDFs (All Tetrachlorodibenzofurans)		0.001			
1,1,1,2-Tetrachloroethane		6.0			
1,1,2,2-Tetrachloroethane		6.0			
Tetrachloroethylene		6.0			
2,3,4,6-Tetrachlorophenol		7.4			
Thiodicarb		1.4			
Thiophanate-methyl		1.4			
Tirpate		0.28			
Toluene		10			
Toxaphene		2.6			
Triallate		1.4			
Tribromomethane/Bromoform		15			
1,2,4-Trichlorobenzene		19			
1,1,1-Trichloroethane		6.0			
1,1,2-Trichloroethane		6.0			
Trichloroethylene		6.0			
Trichloromono-fluoromethane		30			
2,4,5-Trichlorophenoxyacetic Acid/2,4,5-T		7.4			
2,4,6-Trichlorophenol		7.4			
2,4,5-Trichlorophenol		7.9			
1,2,3-Trichloropropane		30			
1,1,2-Trichloro-2,2,2-trifluoroethane		30			
Triethylamine		1.5			
tris-(2,3-Dibromopropyl) Phosphate		0.10			
Vernolate		1.4			
Vinyl Chloride		6.0			
Xylenes (sum of o-,m-,p-xylene concentrations)		30			

Attachment 3

RIGHT TO KNOW TRAINING LOG

[illegible]

INITIAL
TRAINING REQUIREMENTS

Employee:

DAVID ROGERS

Date:

7/22/97

Operation:

Disassembly

Assembly

Cleaning

Test

Inspection

Safety Wire/Preserve

N D T

Final Inspection

Shipping

Electronics

Machining

Welding

Maintenance

YES

NA

☒ ☐

Instruction has been given on the chemicals used in this area.

☒ ☐A change of clothing will be kept in my locker for emergencies.
(Required for all employees.)☒ ☐

Purpose, instruction, and location of the eye/body flush nearest this operation has been explained.

☒ ☐

Training has been given in the use of emergency shut-off buttons/breakers.

☒ ☐

Use of the following safety-related items has been explained.

☒ ☐

Safety glasses (Required in several plant areas.)

☒ ☐

Hearing protection

☒ ☐

Apron

☒ ☐

Gloves

☒ ☐

Respirator

☒ ☐

Protective hand cream

☒ ☐

Face Shield

☒ ☐

Goggles

David Rogers
EMPLOYEE SIGNATURE7-22-97
DATEJ.A. Blum
INSTRUCTORS SIGNATURE7/22/97
DATE

Interoffice Memo

Date: 07/30/96

CC: J. OROZCO

D. RANDALL (EMPLOYEE FILE)

From: J.L. JOHNSON

Subject: HAZCOM (IN HOUSE) TRAINING

I ACKNOWLEDGE THAT I HAVE RECEIVED AND READ THE FIRE/TORNADO INFORMATION AND PROCEDURES FOR THE INDEPENDENCE FACILITY. I FURTHER UNDERSTAND THAT IF I HAVE ANY QUESTIONS OR NEED ANY MORE INFORMATION, IT IS MY RESPONSIBILITY TO CONTACT:

1. MY GROUP LEADER
2. ANY MANAGER OR SUPERVISOR



EMPLOYEE SIGNATURE

7-22-97

DATE

*NOTE: This page is to be maintained in the employee's personnel file.

ATTACHED IS A COPY OF A MATERIAL SAFETY DATA SHEET (MSDS). PLEASE USE THIS MSDS TO COMPLETE THE THE FOLLOWING QUESTIONS:

1. WHAT IS THE NAME OF THIS PRODUCT ? OAKITE 202

2. WHAT IS THE EMERGENCY PHONE NUMBER YOU WOULD USE TO CALL FOR MORE INFORMATION ? 201-464-6900

3. WHAT SPECIAL PROTECTION EQUIPMENT (PPE) SHOULD YOU WEAR WHEN WORKING WITH THIS PRODUCT ? (CIRCLE ALL THAT APPLY)

- ☒ A. CHEM. RESIS. GLOVES ☒ B. SAFETY GOGGLES ☒ C. PLASTIC APRON
D. RUBBER BOOTS E. ACID SUIT F. LEATHER GLOVES
F. RUBBER GLOVES H. NONE

4. WHO MAKES THIS PRODUCT ? OAKITE PRODUCTS, INC.

5. WHAT DOES THIS PRODUCT LOOK LIKE ?

- A. BLACK POWDER ☒ B. PALE YELLOW LIQUID
C. WHITE GRANULAR D. YELLOW POWDER

6. WHIS IS THE BOILING POINT OF THIS PRODUCT ?

- A. 39 DEGREES C / 103F B. 25 DEGREES
☒ C. 212 DEGREES F D. NONE

7. WHAT TYPES OF PRODUCTS SHOULD NOT BE STORED OR MIXED WITH THIS PRODUCT ?

- A. DUSTS B. MISTS ☒ C. STRONG ACIDS D. CARCINOGENS


SIGNATURE

7/22/97
DATE

Attachment 4

Sabreliner Corporation

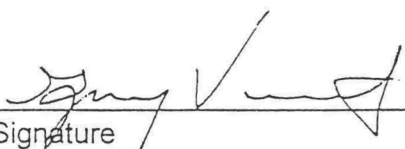
Independence, Kansas

1994 SPCC Plan
Professional Engineer Certification

have reviewed this Spill Prevention, Control, and Countermeasure (SPCC) Plan and cer that it will provide adequate protection from spills and slug loadings when used and maintain properly, and that the Plan and containment facilities confirm to all applicable federal, sta county, and municipal regulations.

Gregory P. Verret, P.E.
Name

14 Mar 95
Date



Signature

E-26077
Missouri P.E. License

This Plan is approved and has been implemented.

Jackson L. Forney
Name

Vice President, Operations
Official Title


Signature

March 15, 1995
Date

INTEGRATED ENVIRONMENTAL RESPONSE PLAN
SABRELINER CORPORATION
ONE FREEDOM DRIVE
AIRPORT INDUSTRIAL PARK
INDEPENDENCE, KANSAS

(316) 331-8180

DECEMBER 12, 1994

REVISED: MARCH 9, 1995

PREPARED BY:

ENVIRONMENTAL RESOURCES MANAGEMENT-NORTH CENTRAL, INC.
1630 HERITAGE LANDING DRIVE, SUITE 100
ST. CHARLES, MISSOURI 63303
PROJECT NO. 94052

PLANT EMERGENCY RESPONSE CONTACTS

Name	Incident Title	Plant Title	Plant Extension	Home Phone Number	Home Address
John Orozco		Plant Manager	216	316-431-0840	1009 S. Tennessee Chanute, KS 66720
Jim Johnson	Incident Commander	Quality Engineer	225	316-251-6753	210 W. 4th Coffeyville, KS 67337
John Heathman	Alternate Incident Commander	Maintenance Supervisor	217	316-331-4012	516 Jay Drive Independence, KS 67301
Jerry LaMotte	Corporate Environmental Contact	Corporate Environmental Engineer	2419	296-4866	3007 Spring Forest Road Imperial, MO 63052
Mary Blinzinger	Corporate Environmental Contact	Director of Administration	2567	839-2163	4236 Chaste Street Florissant, MO 63034

SABRELINER CORPORATION, INDEPENDENCE, KANSAS

One Freedom Drive, Airport Industrial Park,—6 miles south southwest of the city of Independence, Kansas on county road 3300 adjacent to U.S. Highway 75—nearest cross road-3400.

TELEPHONE: 316-331-8180 **FAX:** 316-331-6426

PLANT MANAGER: John Orozco—Ext. 216; Home 316-431-0840
1009 S. Tennessee, Chanute, KS 66720

24-Hour Emergency:

INCIDENT COMMANDER: Jim Johnson—Work 316-331-8180 Ext. 225; Home 316-251-6753
210 W. 4th, Coffeyville, KS 6733

ALTERNATE INCIDENT COMMANDER: John Heathman—Work 316-331-8180 Ext. 217;
516 Jay Drive, Independence, KS 67301 Home 316-331-4012

SIC code—3724 **No. of employees:** 51 **Acres:** 4.5 **Constructed:** 1986
Purchased: 1992

PRODUCT/PRINCIPAL ACTIVITY: maintenance, overhaul and testing on commercial and military jet components and accessories

EPA ID#: KSD981712854

KANSAS ID# 1063377

AIR PERMIT#:

NPDES PERMIT #:

INDUSTRIAL WASTE WATER PERMIT: 001

SOLID WASTE DISPOSAL: Sunset Disposal Co.—Montgomery County Sanitary Landfill

HAZARDOUS WASTE DISPOSAL: Rineco Chemical Industries, Inc.

COUNTY: Montgomery

LATITUDE: 37° 09' 05"

LONGITUDE: 95° 46' 07"

UTM COORDINATES: Horizontal(km):

; Vertical(km):

TOWNSHIP: 33

SECTION: 21

RANGE: 15

Inside above ground tanks(3): 400 gallon(2) & 175 gallon

Dunn & Bradstreet Number: 10-320-7155

Employer ID#: 431289921

City of Independence Public Water

City of Independence Sanitary Sewer—Way Stabilization Pond NE of facility

FACILITY

Main Production building with administrative offices, a records storage building, a hazardous materials storage building(46' x 28' with 4 separate bermed areas approx. 1100 ft²

Hazardous waste storage capacity: 125 drums 6875 gallons 3 satellite areas

Date: March 3, 1995

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7	Explosion or Fire Emergency Response Flow Chart
8	Spill and Release Notification Procedures

INTEGRATED ENVIRONMENTAL RESPONSE PLAN
SABRELINER CORPORATION
INDEPENDENCE, KANSAS

1.0 INTRODUCTION

1.1 Purpose and Scope

This Integrated Environmental Response Plan describes the measures necessary for Sabreliner Corporation (Sabreliner) to meet the requirements of a number of environmental and safety regulations that pertain to its Independence, Kansas facility. The regulations addressed by this plan include:

- Oil Pollution Prevention Regulations - In compliance with 40 CFR 112, a Spill Prevention Control and Countermeasure (SPCC) Plan must be prepared for facilities storing greater than 1,320 gallons of oil in aboveground storage tanks (ASTs) or containers, or greater than 660 gallons of oil in a single AST. For the purposes of this regulation, "oil" means oil of any kind or in any form including, but not limited to: petroleum, fuel oil, sludge, oil refuse, and oil mixed with wastes other than dredged spoil. Sabreliner's Independence facility has three inside ASTs containing 140 Petroleum naphtha with respective capacities of 150 gallons and 350 gallons, 225 gallons and 55 gallon drum storage totaling greater than 1,320 gallons, and is, therefore, subject to this regulation.
- Resource Conservation and Recovery Act (RCRA) Regulations - The RCRA regulations (40 CFR 262.34) require large quantity hazardous waste generators to comply with 40 CFR 265, Subpart C "Preparedness and Prevention," and Subpart D "Contingency Plan and Emergency Response Procedures." The Sabreliner facility at Independence is a large quantity generator because it generates more than 1,000 kg of hazardous waste per calendar month and is, therefore, subject to this regulation.
- Occupational Safety and Health Administration (OSHA) Regulations - The OSHA regulations at 29 CFR 1910.120 require facilities to prepare and implement an Emergency Response Plan where a substantial threat of a release of hazardous substances exists. Because of the nature and quantity of hazardous substances used by Sabreliner, the facility is subject to the requirements of this regulation.

In summary, this Integrated Environmental Response Plan provides the facility's specific procedures for environmental response that meet the requirements of all of the foregoing regulations.

1.2 Facility Description

The Sabreliner facility is located at One Freedom Drive within the Independence, Kansas Airport Industrial Park adjacent to the Municipal Airport 6 miles SSW of the city of Independence, Kansas at the intersection of county roads 3300 and 3400 adjacent to U.S. Highway 75 (Figure 1). At the facility, maintenance, overhaul and testing activities are performed on commercial and military jet engine components and accessories.

Sabreliner leases, from Independence Industries, a number of buildings, including: main overhaul building - 100' x 225', attached offices - 34' x 75', a hazardous material storage building - 28' x 46', and a records storage building - 22' x 22'. The property around the buildings consists primarily of grass covered areas, along with some paved parking lot. A site map of the facility is included as Figure 2 and a floor layout is included as Figure 2a.

The facility is served by the public water supply and sanitary sewer system. The sanitary wastewater generated at the facility is directed to the POTW operated by the City of Independence. All of the interior building drains, such as those in the bathrooms, are connected to the sanitary sewer. All exterior drainage is surface runoff to surface drainage ditches and ultimately Rock Creek. There are five ground water monitoring wells on site. Three at approximately 110 feet depth and two at twenty-five feet depth.

Petroleum products used at the facility requiring an SPCC Plan include petroleum naphtha, lubricating oils, and hydraulic fluid. Various liquid hazardous waste streams requiring RCRA and OSHA Contingency Plans are generated at the facility, and most of these wastes (i.e., waste flammable liquid, waste paint materials, waste cleaning solvents, and waste caustic cleaner) are accumulated in 55-gallon drums. The paint stripping and paint preparation wastewater is collected in 55-gallon drums. A number of hazardous materials used throughout the facility that require an OSHA Emergency Response Plan are not classified as either petroleum products or hazardous waste. These hazardous materials primarily include: methyl ethyl ketone (MEK), paint stripping compound, paints, and other miscellaneous solvents. All of the SPCC, RCRA, and OSHA requirements for a written response plan are covered by this Integrated Environmental Response Plan.

2.0 DESCRIPTION OF STORAGE AND HANDLING AREAS

The following subsections describe the locations at the Sabreliner site where petroleum products, hazardous waste, and hazardous materials are stored and handled.

2.1 Petroleum Products

Oil or petroleum products are stored and/or handled in association with the following:

- Main and other petroleum storage AST

- Back-up petroleum AST
- Hazardous materials storage area

Main Petroleum Storage AST

The main and other petroleum storage ASTs are located in the northwest corner of the main building 24' x 30' room. Three stainless tanks are used to store 140 petroleum naphtha. Individual pumps circulate the fluid to the testing benches. Tank capacities are:

	Storage Level
#1 A/B fuel control benches 174 gallon -24 gallon freeboard =	150 gallon
#2 Main fuel control benches 395 gallon -45 gallon freeboard =	350 gallon
#3 Spraybars and fuel nozzles 245 gallon -25 gallon freeboard =	225 gallon
Total	725 gallon

A 2½" berm is installed for spill containment and two exit doors have raised thresholds (2½").

Total containment = 122.4 Ft.³ (915 gal.). Any release will be held within the containment system (Figure 2).

Hazardous Materials Storage Area

The hazardous materials/hazwaste storage area is located southeast of the main facility building. The area contains drums of petroleum products, including petroleum naphtha, lubricating oil and hydraulic fluid. Various nonpetroleum hazardous materials are also stored in this area. The drums are situated inside a concrete berm capable of holding at least 10 percent of the entire drum storage volume. The drums of petroleum products are transferred to their usage points. Any release from this area would almost certainly be held in the containment system. (Figure 2)

2.2 Hazardous Waste

Hazardous wastes are stored and/or handled in the hazardous waste building and the hazardous waste satellite collection areas. (Figure 2)

Hazardous Waste Drum Accumulation Area

The drum accumulation area is located in the hazardous waste storage building. The 28' x 46' building is divided into four separate bermed areas. Two are 14' x 23' and two are 10' x 28'. This area is used to store drummed hazardous waste generated at the facility (e.g., waste flammable liquid, waste cleaning compound, waste caustic cleaner, and waste paint-related material). The drums are situated inside a concrete berm capable of holding at least 10 percent of the total drum storage volume. The drums are transferred to this area by Sabreliner personnel from their generation points and from satellite accumulation areas located throughout the plant. Periodically, an outside waste hauler removes the drums from the facility under the supervision of Sabreliner personnel. A release from these drums would almost certainly be held within the primary containment system.

Hazardous Waste Satellite Collection Areas

There are three satellite collection areas, each with a single 55-drum, located within the facility (Figure 2a). The locations of these drums and the hazardous wastes collected in them are as follows:

- #1 inside paint booth
- #2 in fuel farm AST area
- #3 in cleaning area

When these drums are full, they are moved to the hazardous waste drum accumulation area inside the hazardous waste storage building by Sabreliner personnel.

2.3 Hazardous Materials

There is one primary hazardous materials storage location at the facility. This area is located southeast of the main building. In addition to petroleum products, this area is used to store hazardous materials that mainly include drums of cleaning and paint-stripping compound. In addition to this hazardous material storage area, there are small quantities of hazardous materials located throughout the facility. Most of these materials are stored in containers of one gallon or less and are located in metal flammable storage cabinets.

3.0 FACILITY DRAINAGE

3.1 Exterior Drainage

As shown on Figures 3 and 3a, surface runoff from most of the facility grounds exits the property at the northeastern corner of the facility. After exiting the property, the surface runoff continues into a surface drainage ditch. This drainage ditch discharges into Rock Creek, located approximately three miles to the North of the facility, and eventually flows into the Verdigris River.

3.2 Interior Floor Drains

All of the interior building drains, such as those in the bathrooms, are connected to the sanitary sewer system. There are no interior floor drains located in the vicinities of the oil or hazardous material/waste storage and handling areas.

4.0 PLANT ALARM AND EVACUATION PROCEDURES

4.1 Plant Alarm Systems

4.1.1 Fire Alarm and Evacuation Procedures

The facility uses a pulsating tone sound to signal to facility personnel that they should evacuate all buildings and proceed to the designated place of refuge. The primary and alternate facility evacuation routes and places of refuge are shown on Figure 4, and are posted on walls throughout the facility.

The alarm system can be activated from a manual alarm located at the center of the facility and in response to activated smoke detectors or water flow of the sprinklers. An automatic sprinkler system is in service at the main building. Telephones are located throughout the facility, and can access the plant intercom system to provide additional emergency communication.

4.1.2 Hazardous Material Spill Alarm and Evacuation Procedures

For routine hazardous material spills (refer to page 12 for definition), the phone intercom systems shall be used to notify plant personnel that a routine hazardous material spill is in progress if necessary. For non-routine spills (refer to page 14 for definition), the manual alarm shall be activated if human life is at risk and immediate evacuation is not attainable through the intercom system.

4.2 Safe Distances

Safe distance from a petroleum or hazardous material release must be determined by the Incident Commander. In the absence of the Incident Commander, the safe distance should be determined by a Hazardous Materials Technician or Hazardous Materials Specialist present on site. The qualifications and functions of each emergency response position are described in Sections 6.0 and 7.0 of this plan. Key individuals are identified at the beginning of the plan. The U.S. Department of Transportation's (DOT's) Emergency Response Guidebook shall be used to determine minimum safe distances from a chemical spill or fire. All personnel not involved in response to a chemical spill shall be kept at minimum safe distances from the release.

4.3 Places of Refuge

The primary place of refuge that shall be used for an initial meeting point during an evacuation is shown on Figure 4. The evacuation map will be posted in each work area.

4.4 Post Evacuation Procedures

The Incident Commander will assign a person to be responsible for ensuring that all personnel have been evacuated from the facility. This person will perform roll call and report the name(s) of any person(s) suspected of being inside the facility to the Incident Commander. After the roll call has been performed and all personnel are accounted for, the Incident Commander will direct the evacuees where to go next.

5.0 SPILL RESPONSE AND NOTIFICATION PROCEDURES

5.1 Response Procedures for Routine Spills

Routine spills are defined as petroleum or hazardous material spills that meet the following criteria:

Definition of Routine Spill
<ul style="list-style-type: none">• Are limited to less than the reportable quantity.• Are not highly toxic.• Will not generate significant quantities of toxic fumes, vapors, gases, or particulates.• Do not pose a threat of fire, explosion, or off-site release.• Are contained within a structure or conduit.• Do not discharge or threaten to discharge to sewer or surface waters.

Examples of routine spills include small releases of calibration fluid, cleaning chemicals, motor oil, or waste oil onto concrete, or asphalt, or within secondary containment structures. In the event of a routine spill of a hazardous material or petroleum product, the following actions should be initiated by the worker who discovers the spill and the worker's supervisor (also see Figure 5 Flow Chart):

Routine Spill Response Checklist	
<u>Worker's Actions</u>	
<ul style="list-style-type: none">• Get away from the area of the spill.• Identify the spilled material and immediate hazards.• If feasible, re-enter area and stop the spill source (e.g., turn the valve off, turn the drum over).• Get help from supervisor.	
<u>Supervisor's Actions</u>	
<ul style="list-style-type: none">• Secure appropriate personal protective and emergency equipment (e.g., gloves, absorbent, recovery drum, etc.).• Prevent spread of material, especially into drains, sewers, etc.• Remove potential sources of ignition, as necessary.• Neutralize the spilled material, if appropriate.• Pump or absorb the spilled material with an approved, compatible absorbent agent, and transfer the material into a recovery container.• Thoroughly clean the spill area with an appropriate cleaning agent, based on the nature of the material spilled (refer to MSDS).• Transfer clean-up debris to a recovery container.• Label the recovery container with the name of the spilled material and the date.• Contact the Incident Commander regarding the disposal and proper labeling of the material in accordance with hazardous waste regulations.• Restock all supplies of emergency equipment.• Contact the Incident Commander and conduct a critique of response and follow-up activities.• The Incident Commander will complete the routine spill report.	

Non-routine Spill Remediation Checklist

- Monitor area for explosive atmospheres or toxic concentrations of gases, fumes, particulates, or vapors.
- Remove any surrounding incompatible materials (e.g., reactives).
- Prevent runoff of the material, especially into drains or sewers.
- Neutralize the spilled material, if appropriate.
- Pump or absorb the spilled material with an approved, compatible absorbent agent.
- Transfer spilled material to a recovery container.
- Decontaminate the spill area.
- Transfer clean-up debris into a recovery container.
- Properly label the recovery container with the name of spilled material and the date).
- Restock emergency supplies.
- Notify workers and local officials of the end of the emergency situation.
- Conduct a follow-up and critique meeting with the Incident Commander.
- The Incident Commander will be responsible for filing the necessary reports with the appropriate regulatory agencies, as described in Section 5.5 of this report, with approval from the Director of Administration.

5.3 Fire and Explosion Contingency Plan

Fires and explosions involving hazardous materials must also be reported under a number of regulations. To satisfy these requirements, the Incident Commander must be contacted to ensure that the correct notification requirements are carried out.

The Incident Commander will implement the following actions in the case of a fire:

Checklist for Fires and Explosions

- Evacuate the immediate area.
- If fire or explosion involves hazardous chemicals, then also treat the emergency as a non-routine spill (refer to checklist on page 15).
- Determine whether anyone is injured (contact emergency personnel if required).
- Summon facility emergency response team, if hazardous materials are involved.
- Summon off-site assistance, if required.
- Shut down all feed lines, including power.
- Remove ignitable substances and substances that could cause heat-induced explosion from the area.
- Secure proper personal protective equipment (PPE) for Emergency Response.
- Initiate fire fighting activities. (NOTE: While early containment of fires can significantly reduce the severity of the final outcome, fire fighting should not be performed at the risk of injury.)
- Provide containment (e.g., diking and blocking off of sewers and storm drains).
- Put fire debris in containers.
- Thoroughly clean up the affected area.
- Signal the end of the emergency.
- Label, store, and dispose of the containers used to contain debris.
- Disposal of the material in accordance with hazardous waste regulations.
- If necessary, notify all of the appropriate agencies and file a written report, with approval from the Director of Administration.
- Review the cause of the fire and implement future preventive measures.

5.4 Spill Notification Procedures

5.4.1 In-Plant and Corporate Environmental Notifications

In the event of a petroleum or hazardous material spill, regardless of quantity, a Routine or Non-Routine Spill Report (Appendix A) must be completed and forwarded to the Incident Commander within 24 hours of the spill event. In the case of a non-routine spill, the Incident Commander must be notified immediately. The Incident Commander must then determine whether it is necessary to report the spill to the appropriate regulatory agencies. Additionally, the Incident Commander must immediately report a non-routine spill to the Corporate Environmental Engineer and Director of Administration following the discovery of the spill. All of the spill reports (i.e., for reported and nonreported spills) must be maintained by the Corporate Environmental Engineer until the facility closes.

5.4.2 Regulatory Agency Notifications

In the event of a non-routine spill of petroleum or a hazardous material, all of the agencies listed on the Emergency Release Reporting Compliance Checklist, included as Appendix B, must be immediately notified (in less than 2 hours). A follow-up written notification must also be performed according to the deadlines outlined by the regulatory agencies. A follow-up written notification should include the following items at a minimum (refer to Flow Charts):

- All of the items listed on the Spill Report (Appendix A)
- Extent of injuries, if any.
- Estimated quantity and disposition of recovered material that resulted from the incident.

5.5 Resumption of Activities

Before resuming operations after an emergency incident has occurred, the workers at the Facility must complete the following activities:

- Restock emergency supplies.

- Test emergency equipment.
- Refer to the Sabreliner Integrated Environmental Training Manual and consult with Corporate Environmental Engineer to determine appropriate decontamination procedure.
- In the event of a non-routine spill, notify the U.S. Environmental Protection Agency (USEPA) and State and local agencies that the facility is in compliance with the applicable regulations.

The Incident Commander and appropriate personnel must review the cause of the incident and identify procedures and practices that must be changed in order to prevent the incident from reoccurring.

6.0 PERSONNEL TRAINING

All emergency responders at Sabreliner facilities are trained at the Hazardous Materials Technician level. The On-Scene Incident Commander has received additional training as required under OSHA 1910.120. Sabreliner has the following five responder levels:

1. First Responder Awareness Level,
2. First Responder Operations Level,
3. Hazardous Materials Technician,
4. Hazardous Materials Specialist, and
5. Incident Commander.

The training requirements for each of these levels are described in the following sections.

6.1 First Responder Awareness Level

To demonstrate competency at the First Responder Awareness Level, employees must:

6.3 Hazardous Materials Technician

The Hazardous Materials Technician must be certified by Sabreliner as having received 24 hours of HAZWOPER training equal to the First Responder Operations Level plus have additional competency in the following areas. The Hazardous Materials Technician must:

- Know how to implement Sabreliner's Integrated Emergency Response Plan.
- Be able to classify, identify, and verify known and unknown materials by using field survey instruments and equipment.
- Function within an assigned role in the incident command system.
- Select and use proper specialized chemical PPE provided to the technician.
- Understand hazard and risk assessment techniques.
- Perform advanced control containment and/or confinement operations within the capabilities of the resources and PPE available at the facility.
- Understand and implement decontamination procedures.
- Understand hazard assessment procedures.
- Understand basic chemical and toxicology terminology and behavior.

6.4 Hazardous Materials Specialist

The Hazardous Materials Specialist must be certified by Sabreliner as having 24 hours of HAZWOPER training equal to the Hazardous Materials Technician level plus have additional competency in the following areas. The Hazardous Materials Specialist must:

- Know how to implement the local emergency response plan.

- Know and understand the importance of decontamination procedures.

6.6 Refresher Training

All First Responders, Hazardous Materials Technicians and Specialists, and On-Scene Incident Commanders must receive refresher training on an annual basis to maintain or demonstrate their competencies. Demonstrations of competencies will include the successful completion of drills or potential response scenarios, or the successful implementation of their emergency response protocols.

Sabreliner will document the annual training or demonstrations of competency for each employee designated at any of the five responder levels. Sabreliner will keep a record of the method used to demonstrate competency.

7.0 RESPONSIBILITIES

7.1 Overall Responsibilities

According to State and Federal regulations, the overall responsibilities for the control of oil, petroleum, hazardous chemical, or acutely hazardous chemical spills rest with the Plant Manager. This responsibility will be delegated to the Incident Commander and his designees to more efficiently implement this Integrated Environmental Response Plan. A list of the responsible plant personnel are included at the beginning of the plan.

In the event of an uncontrolled spill of petroleum or a hazardous material, one of the individuals listed in the beginning of the plan must be contacted immediately, beginning with the Incident Commander. During these types of emergency incidents, the Incident Commander or an alternate is responsible for: (1) performing as the On-Scene Incident Commander, (2) coordinating emergency response efforts, and (3) contacting the appropriate agencies.

7.2 Corporate Environmental Engineer

The Corporate Environmental Engineer must maintain records concerning petroleum or hazardous material spills and prevention. These records must be kept on file at Sabreliner's Corporate Office and must include the following:

- Complete Spill Reports.
- Correspondence to and from regulatory agencies.
- Records of any changes made to this Integrated Environmental Response Plan.
- Documentation of reports made by telephone to regulatory agencies.

The Corporate Environmental Engineer is also responsible for providing technical information to plant personnel on appropriate decontamination procedures and other aspects of emergency response activities. Additionally, the Corporate Environmental Engineer is responsible for ensuring the periodic review and updating of the Integrated Environmental Response Plan.

7.3 Incident Commander/Environmental Coordinator

The Incident Commander, must maintain records concerning petroleum or hazardous material spills and prevention. At a minimum, the records must be kept on file in the office of the Incident Commander and must include the following:

- Completed preventive maintenance inspection checklists.
- Meeting minutes.
- Completed spill reports.
- Correspondence to and from regulatory agencies.
- Documentation of reports made by telephone to regulatory agencies.

The Incident Commander is also responsible for:

1. Training of employees in spill response.
2. Provide Human Resources Department with training documentation.

3. Contracting and coordination of emergency response crews and remediation efforts.
4. Identification of hazardous substances and/or conditions present, including as appropriate, site analysis, use of engineering controls, maximum exposure limits, hazardous substance handling procedures, and use of any new technologies.
5. Implementing the appropriate emergency operations, and ensuring the use of appropriate PPE.
6. Ensuring the use of positive-pressure self-contained breathing apparatuses by employees engaged in emergency response, until it has been determined through the use of air monitoring that a decreased level of respiratory protection will not result in hazardous exposure to employees.
7. Limiting the number of emergency response personnel at the emergency site to those who are actively performing emergency operations (a minimum of two or more using the buddy system).
8. Providing back-up personnel and medical equipment and transportation on stand-by, as well as ensuring that appropriate medical followup is provided for any person with a medical condition that arises from or is affected by the emergency response activities.
9. Designating a Hazardous Materials Specialist to act as safety officer who is to identify and evaluate hazards; provide direction with respect to safety of operations; and alter, suspend, or terminate emergency response activities if conditions are judged to be life threatening.
10. Implementing appropriate decontamination measures.
11. Ensuring the security and maintenance of petroleum and hazardous material storage areas and containment structures.
12. Ensuring the proper permitting and disposal of contaminated materials.

13. Act as site liaison with government authorities regarding site activities.

7.4 First Responder Awareness Level

First responders at the awareness level are personnel who may witness or discover a hazardous substance release during the course of their work or who have been trained to initiate emergency response by notifying the proper authorities of a release. These employees will be expected to take no further action beyond notifying the appropriate authorities.

7.5 First Responder Operations Level

At Sabreliner, first responders at the operations level are able to initially respond to releases only to protect nearby persons if they can do so without placing themselves at risk.

7.6 Hazardous Materials Technician

Hazardous Materials Technicians are able to stop a release or potential release of a potential substance by using a plug, patch, or other method of preventing the release (e.g., a commercially available plug-in kit).

7.7 Hazardous Materials Specialist

Hazardous Materials Specialists are able to respond with and provide support to Hazardous Materials Technicians. Their responsibilities parallel those of the Hazardous Materials Technician; however, these specialists have a more specific knowledge of the substances that may require containment.

7.8 On-Scene Incident Commander

The On-Scene Incident Commanders are trained to assume control of the incident beyond the First Responder Operations Level. These employees must be certified by Sabreliner. The Incident Commander for this facility as listed at the beginning of the plan.

8.0 PERSONAL PROTECTIVE EQUIPMENT

Anyone responding to a hazardous material incident will be protected against potential hazards. The purpose of PPE is to shield individuals from the chemical, physical, and biological hazards that may be encountered. Careful selection and use of adequate PPE should protect the respiratory system, skin, eyes, face, hands, feet, head, body, and hearing.

All personnel who must wear PPE to respond to a petroleum or hazardous materials spill should be trained in accordance with the Sabreliner Integrated Environmental Training Manual, HAZWOPER Section, Module 6. A list of the PPE available at this facility and the relevant information pertaining to it is included as Appendix C. Additionally, the locations of PPE to be used during a spill event are shown on Figure 2.

9.0 EMERGENCY EQUIPMENT

Dry chemical and carbon dioxide fire extinguishers are located throughout the facility. The locations of the emergency spill response equipment are shown on Figure 2. A comprehensive list and description of each piece of emergency equipment are included as Appendix D.

10.0 DECONTAMINATION EQUIPMENT

The locations of all of the decontamination equipment are shown on Figure 2. A comprehensive list and description of each item are included as Appendix E.

11.0 INSPECTIONS

All of the petroleum naphtha ASTs, the hazardous waste satellite collection areas, and the hazardous waste drum accumulation area must be inspected weekly. The daily and weekly checklists for performing these inspections are included as Appendix F. The Incident Commander is responsible for keeping all completed checklists on file for 3 years.

In addition to the hazardous material and petroleum storage inspections, Sabreliner must perform routine inspections of PPE, emergency equipment, decontamination equipment, and security equipment. The schedules for these inspections are as follows:

13.0 OFFSITE EMERGENCY RESPONSE

The incident/alternate Commander, will assign a person to meet any emergency vehicle summoned by Sabreliner. This person will be located at Freedom Drive and the east entrance road. This person will direct the services to the proper entrance or site location.

A liaison person with knowledge of plant facilities and locations, will be assigned to the emergency personnel.

Any request for additional information or assistance should be routed to the incident/alternate Commander.

14.0 DIRECTIONS FROM SABRELINER TO MERCY HOSPITAL

1. ONE FREEDOM DRIVE TO CESSNA BLVD
2. NORTH ON CESSNA BLVD TO U.S. HIGHWAY 75
3. NORTH ON HIGHWAY 75 U.S. HIGHWAY 160 JUNCTION
4. EAST ON HIGHWAY 75/160 TO INDEPENDENCE (MAIN ST.)
5. EAST ON MAIN ST. TO FOURTEENTH STREET
6. LEFT (NORTH) ON FOURTEENTH TO HOSPITAL (2 BLKS)

APPENDIX B

EMERGENCY RELEASE REPORTING
COMPLIANCE CHECKLIST

EMERGENCY RELEASE REPORTING
COMPLIANCE CHECKLIST
SABRELINER CORPORATION
INDEPENDENCE, KANSAS

Compliance Requirement	Phone Number	Address *	Time/Date Contacted	Incident No.	Person Contacted/Title	Initials
Immediate (Oral) Notification						
National Response Center (for spill or RQ release of a petroleum, hazardous, or extremely hazardous substance)	1-800-424-8802					
Kansas Emergency Preparedness (for RQ release of a petroleum, hazardous, or extremely hazardous substance)	1-913-274-3176 (24-hour line)					
Montgomery County Emergency Planning Committee (for RQ release of a petroleum, hazardous, or extremely hazardous substance)	1-316-331-2775 1-316-331-2082 (24-hour line)					
Follow-up (Written) Notification						
Kansas Department of Health and Environment - Topeka, Kansas	1-913-296-1660					
Montgomery County Emergency Planning Committee (for RQ release of a petroleum, hazardous, or extremely hazardous substance)	1-316-331-2775					

* = Obtain current address for written notifications when making verbal notification.

For Emergency Response Information on Chemicals Call CHEMTREC

1-800-424-9300

APPENDIX C

PERSONAL PROTECTIVE EQUIPMENT SUMMARY

APPENDIX D

EMERGENCY EQUIPMENT SUMMARY AND LOCATIONS